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The mineralogical collection of the Academy, as shown in the accompanying Curator's report, has received a number of valuable additions. The placing of the minerals of Pennsylvania in a special case will, it is believed, not only be a convenience to visitors, but, as it becomes more complete, will stimulate a search for new mineral localities. The mineralogists of the State are particularly asked to contribute to this local collection.

As in previous annual reports, attention is again called to the need, in this department, of scientific apparatus, both for the purposes of teaching and for the prosecution of original research. A lithological microscope, a reflecting goniometer, and a Groth's universal apparatus for polarized light, are among the instruments most urgently needed.

Respectfully submitted,

H. CARVILL LEWIS,

*Professor of Mineralogy.*

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#### REPORT OF THE PROFESSOR OF INVERTEBRATE ZOOLOGY.

The Professor of Invertebrate Zoology respectfully reports that during the past year, since March, when he was placed in office, he has delivered his inaugural address on "The Study of Biology in Germany" (March 10), and six lectures on "Elementary Histology," with demonstrations.

He further reports that the collections under his charge have greatly increased, especially by the addition of a superb collection of marine sponges from the western coast of Florida, presented by Mr. Joseph Willcox. The collection was described by Henry J. Carter in the Proceedings.

A course of some twenty lectures is intended to be given in the early part of the coming year (January, February and March), the subject being "Some of the Principles of Zoology."

Very respectfully,

BENJAMIN SHARP,

*Professor of Invertebrate Zoology.*